FIG. 1

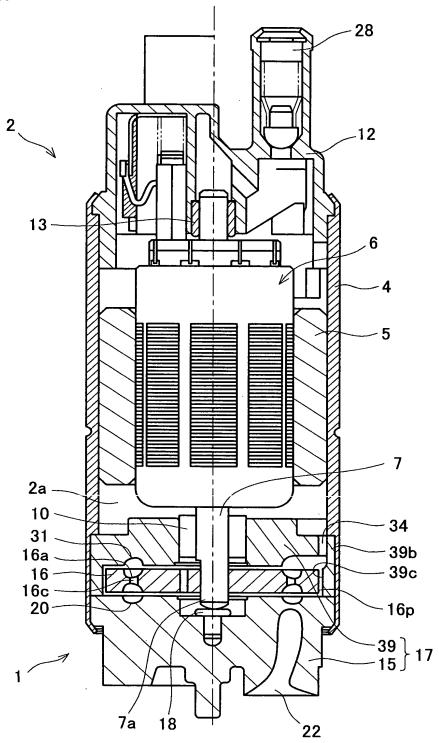


FIG. 2

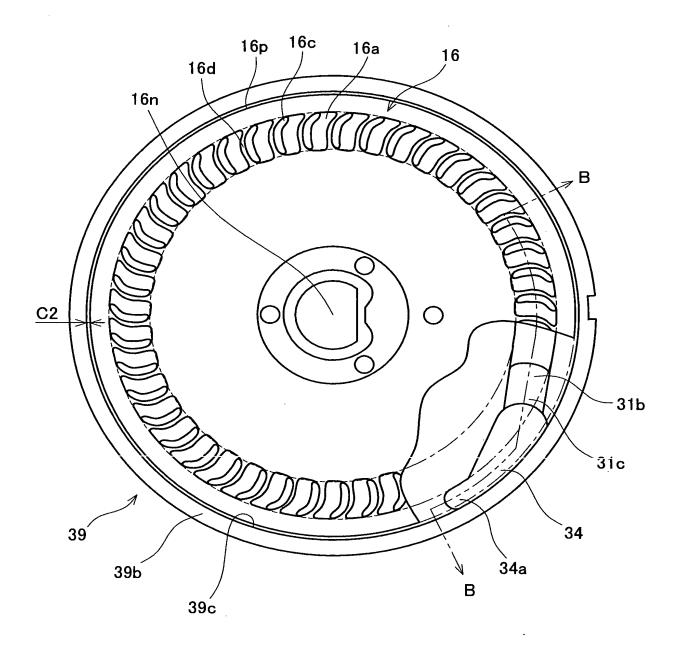


FIG. 3

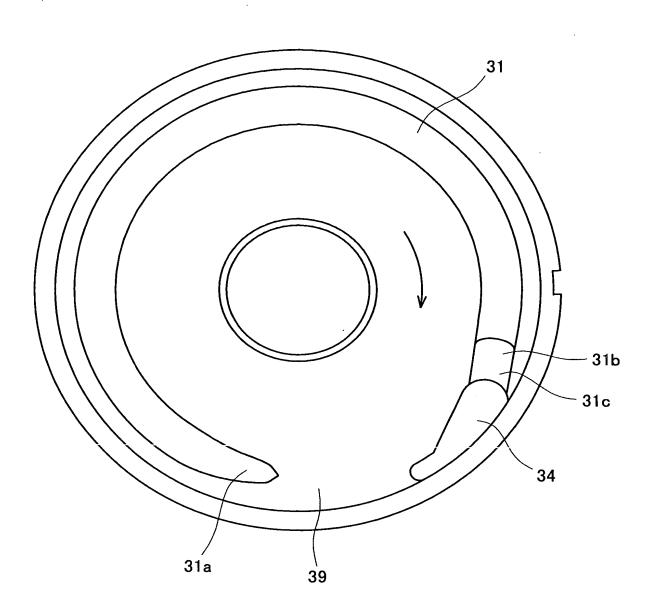


FIG. 4

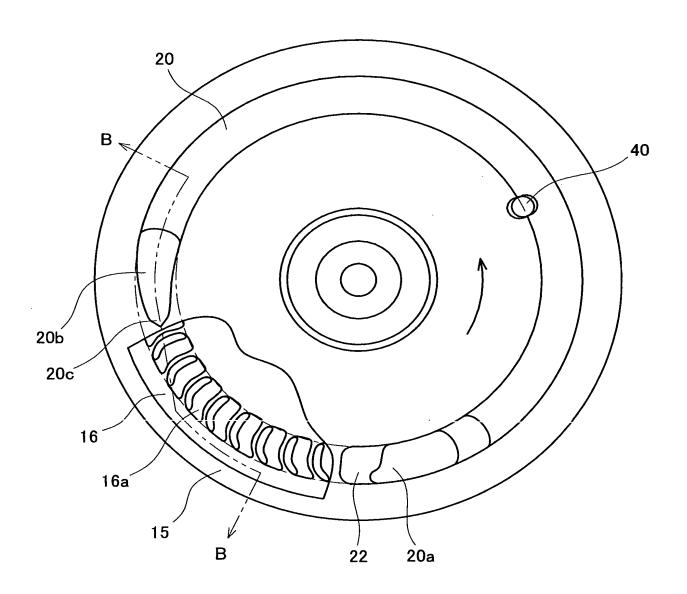


FIG. 5

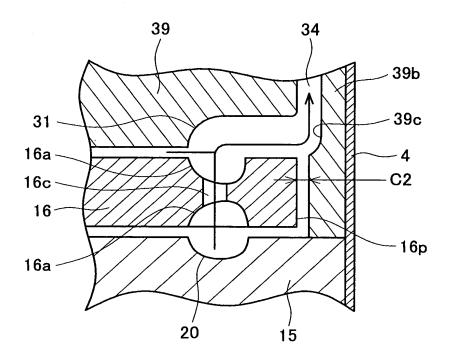
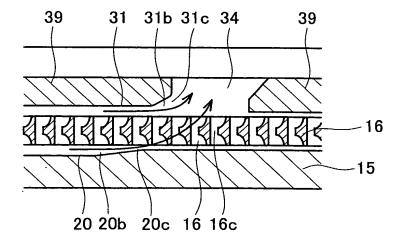


FIG. 6



400 300 Pressure (kPa) ---- Present embodiment
---- Prior art 9 200 100 FIG. 7 25 Efficiency (%) 20 S

12V

500

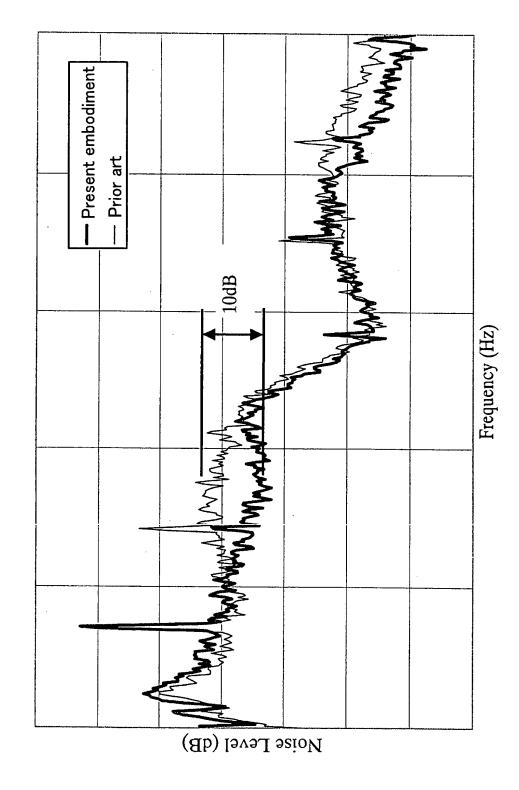
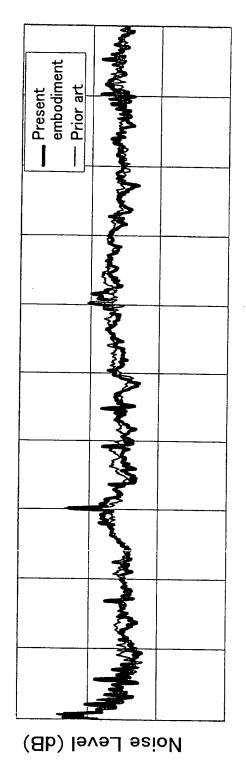


FIG. 8

FIG. 9



Frequency (Hz)

FIG. 10

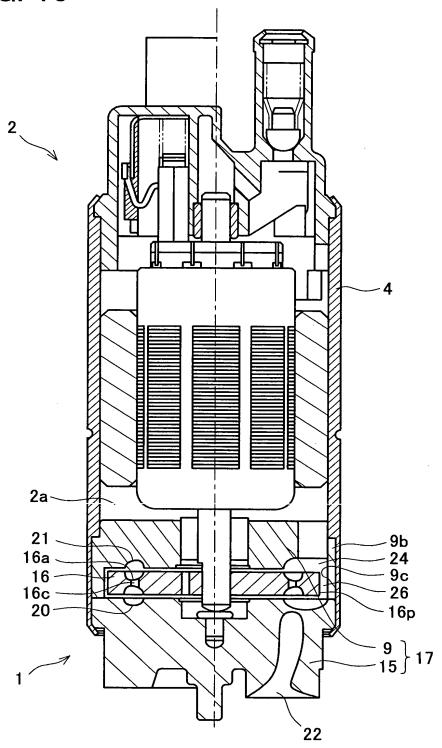


FIG. 11

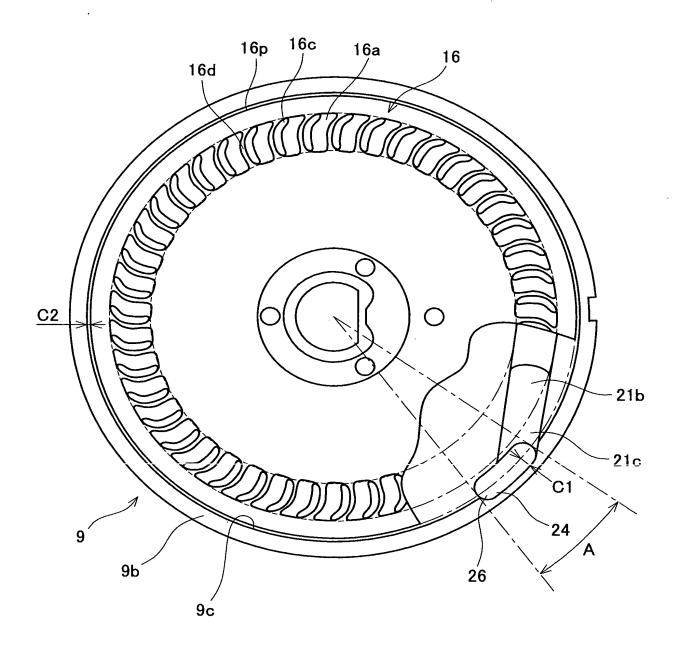


FIG. 12

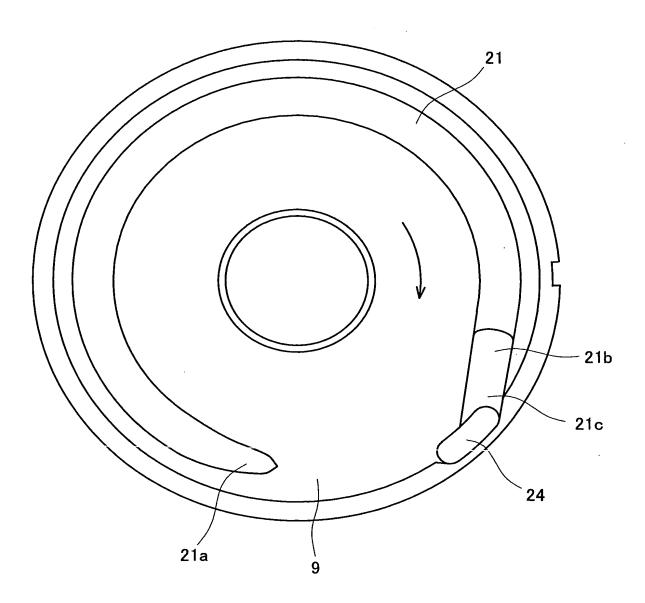


FIG. 13

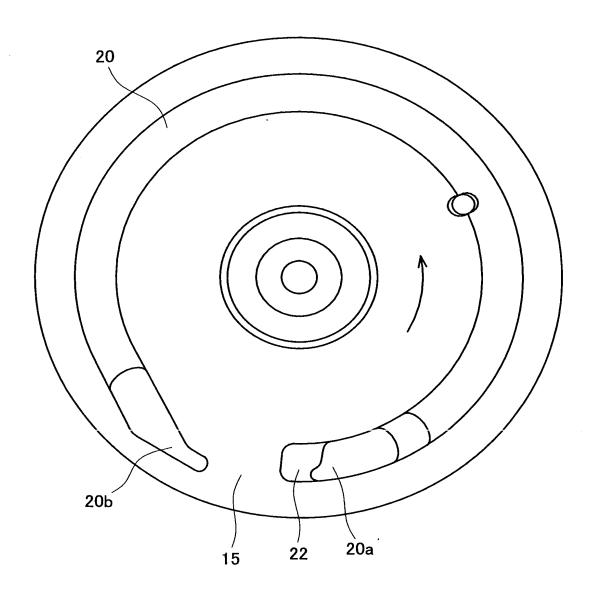


FIG. 14

